

## Manage Site Evaluation Data

**Site:** VAD980692735 NORFOLK TOWN GAS **Work Package:** Site Reassessment #001 [ Start Date: 07/15/2010 Completion Date: 03/15/2012 ] - R03: VAD980692735

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## Work Package Information

<b>Work Package Name:</b> Site Reassessment #001	<b>Operable Unit:</b> 00 SITEWIDE	<b>Performance Lead:</b> EPA Performed
<b>Planned Start:</b>	<b>Planned Finish:</b>	<b>Financial Lead:</b> Fund Financing
<b>Actual Start:</b> 7/15/2010	<b>Actual Finish:</b> 3/15/2012	<b>Qualifier Description:</b> NFRAP-Site does not qualify for the NPL based on existing information
		<b>Critical Indicator:</b>
		<b>Anomaly (Takeover/Phased):</b>
		<b>Accomplishment (SCAP) Note:</b>

Activity Name	Planned Start
-- Conduct Site Reassessment #001	

## Site Assessment Decision

**Action Qualifier:** NFRAP-Site does not qualify for the NPL based on existing information

**Refer to Report Dated:** 11/1/1994

**Site Decision Form Finalized:** Yes

**Decision Date:** 3/15/2012

**Site Decision Made By:** DAWN FULSHER, SAM

**Report developed by:** Other

**Decision/Rationale:** Norfolk Town Gas is a 13.44 acre site that was operated as a carbureted water gas manufacturing plant from 1853 to the 1950s. The site was owned by Virginia Power and Gas until 1971 when the City of Norfolk purchased the property. After performing a Preliminary Assessment (PA), EPA Region III determined that the site did not qualify for the National Priorities List on April 1, 1983. EPA based its decision on visual observations made during a site visit. EPA staff did not identify sources of contamination or potentially exposed populations during the site visit. Samples were not collected as part the Preliminary Assessment. EPA archived this site from the CERCLIS data base (removed from the active inventory) on April 1, 1983.

On June 22, 2010, EPA Region III received correspondence from an elected official on behalf of a citizen activist who has requested that EPA follow up on concerns related to the potential migration of manufactured gas plant wastes from the site. EPA has visited the site and an adjacent property with the first visit performed in July 2010 and the second in December 2010. EPA staff noted that the property formerly owned by the gas company is currently paved and well maintained. Numerous monitoring wells installed during previous investigations were observed on the site.

Region III EPA Site Assessment conducted a Reassessment of the site which was completed in October 2011. EPA evaluated the site using criteria from the Hazardous Ranking System (HRS), which is the model that EPA uses to determine if sites are eligible for being placed on the National Priorities List (NPL). Although ground water contamination was observed during the 1994 Geraghty & Miller study that was performed on behalf of the city of Norfolk in 1995, ground water is not currently being used as a drinking water supply in the area of the site. The City of Norfolk does not rely on groundwater for municipal drinking water supplies. Individuals encountering the site are prevented from coming in contact with contaminated soil as the parking lot prevents exposure to the soil. In order for a site to score under the HRS model individuals or ecological receptors must be currently exposed to contaminated groundwater, soil, or sediments. EPA visited the site and reviewed all available environmental data in the City of Norfolk's possession and determined that no humans or ecological receptors are currently exposed to contaminated groundwater, sediments, or soil at the site. The Norfolk Town Gas site is not expected to score above the 28.5 needed to be proposed to the NPL.

Currently there is no pathway in the HRS that takes in account exposure of inhaling contaminants that migrate from contaminated groundwater into occupied structures. The agency is considering revising the HRS to possibly include a subsurface intrusion pathway in the HRS model in the future. As there is contamination in the groundwater that may potentially emit vapors to occupied structures, EPA may re-evaluate the site in the future if appropriate, pending the addition of a subsurface intrusion pathway to the HRS model. The EPA anticipates no need for Superfund enforcement, investigatory, cost recovery, or cleanup action at this site at this time, unless new data or information that warrants further consideration or conditions not previously known to EPA regarding the site are discovered. Therefore, the site will be entered with a priority of "No Further Remedial Action Planned" at this time.

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